



Bicycle Therapeutics Announces Publication of Article Highlighting Preclinical Data from BT7480 Program in the Journal for ImmunoTherapy of Cancer

November 2, 2021

CAMBRIDGE, England, & BOSTON--(BUSINESS WIRE)--Nov. 2, 2021-- Bicycle Therapeutics plc (NASDAQ: BCYC), a biotechnology company pioneering a new and differentiated class of therapeutics based on its proprietary bicyclic peptide (*Bicycle*®) technology, today announced that an article highlighting preclinical data from BT7480, a tumor-targeted immune cell agonist (TICA) targeting Nectin-4 and agonizing CD137 (4-1BB), was published in the *Journal for ImmunoTherapy of Cancer (JITC)*. The article, titled "BT7480, a novel fully synthetic Bicycle tumor-targeted immune cell agonist™ *Bicycle* TICA™) induces tumor localized CD137 agonism" is available online via this [link](#).

"CD137 is an important co-stimulatory receptor expressed on multiple components of the immune system. CD137 activation can drive anti-tumor immunity but activation outside of the tumor may give rise to toxicity. To that end, we have developed BT7480, a novel, first-in-class Nectin-4/CD137 *Bicycle* TICA™, that activates CD137 only in the presence of Nectin-4 expressing tumor cells," said Nicholas Keen, Ph.D., Chief Scientific Officer of Bicycle Therapeutics. "The data published today in JITC describe BT7480's ability to elicit rapid reprogramming of the tumor immune microenvironment, which leads to complete regressions and anti-tumor immunity with only intermittent drug exposure in syngeneic mouse tumor models. We believe this work supports the clinical investigation of BT7480 for the treatment of cancer, and we look forward to dosing the first patient in our Phase I/II clinical trial which we plan to commence by the end of this year."

About Bicycle Therapeutics

Bicycle Therapeutics (NASDAQ: BCYC) is a clinical-stage biopharmaceutical company developing a novel class of medicines, referred to as Bicycles, for diseases that are underserved by existing therapeutics. Bicycles are fully synthetic short peptides constrained with small molecule scaffolds to form two loops that stabilize their structural geometry. This constraint facilitates target binding with high affinity and selectivity, making Bicycles attractive candidates for drug development. Bicycle is evaluating BT5528, a second-generation Bicycle Toxin Conjugate (BTC™) targeting EphA2, and BT8009, a second-generation BTC™ targeting Nectin-4, a well-validated tumor antigen, in company-sponsored Phase I/II trials. In addition, BT1718, a BTC™ that targets MT1-MMP, is being investigated in an ongoing Phase I/IIa clinical trial sponsored by the Cancer Research UK Centre for Drug Development. Bicycle is headquartered in Cambridge, UK, with many key functions and members of its leadership team located in Lexington, MA. For more information, visit bicycletherapeutics.com.

Forward Looking Statements

This press release may contain forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as "aims," "anticipates," "believes," "could," "estimates," "expects," "forecasts," "goal," "intends," "may," "plans," "possible," "potential," "seeks," "will" and variations of these words or similar expressions that are intended to identify forward-looking statements, although not all forward-looking statements contain these words. Forward-looking statements in this press release include, but are not limited to, statements regarding Bicycle's anticipated advancement of its product candidates, including BT7480; the advancement of Bicycle's product candidate pipeline; anticipated design of, initiation of, enrollment in and progression of Bicycle's clinical trials; the availability of data from clinical trials; and the therapeutic potential of Bicycle's product candidates. Bicycle may not actually achieve the plans, intentions or expectations disclosed in these forward-looking statements, and you should not place undue reliance on these forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in these forward-looking statements as a result of various factors, including: risks to site initiation, clinical trial commencement, patient enrollment and follow-up, as well as to Bicycle's abilities to meet other anticipated deadlines and milestones, presented by the ongoing COVID-19 pandemic; uncertainties inherent in the initiation and completion of clinical trials and clinical development of Bicycle's product candidates; the risk that Bicycle may not realize the intended benefits of its technology; availability and timing of results from clinical trials; whether the outcomes of preclinical studies will be predictive of clinical trial results; the risk that trials may be delayed and may not have satisfactory outcomes; potential adverse effects arising from the testing or use of Bicycle's product candidates; and other important factors, any of which could cause our actual results to differ from those contained in the forward-looking statements, are described in greater detail in the section entitled "Risk Factors" in Bicycle's Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission (SEC) on August 5, 2021, as well as in other filings Bicycle may make with the SEC in the future. Any forward-looking statements contained in this press release speak only as of the date hereof, and Bicycle expressly disclaims any obligation to update any forward-looking statements contained herein, whether because of any new information, future events, changed circumstances or otherwise, except as otherwise required by law.

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